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Substitute for form 1449/PTO	Complete if Known		
	Application Number	10/597307	
INFORMATION DISCLOSURE	Filing Date	19 July 2006	
	First Named Inventor	Marziali et al.	
STATEMENT BY APPLICANT	Art Unit	n/a	
(Use as many sheets as necessary)	Examiner Name	n/a	
Sheet 1 of 2	Attorney Docket Number	U008 0685	

			U. S. PATEN	F DOCUMENTS	
Examiner Initials*	Cite No.¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/A.N./		^{US-} 5938904	08-17-1999	Bader et al.	
/A.N./		^{US-} 6146511	11-14-2000	Slater et al.	
/A.N./		^{US-} 6193866	02-27-2001	Bader et al.	
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FOREIGN PATENT DOCUMENTS							
	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T	
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Sheet	2	of	2	Attorney Docket Number	U008 0685

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/A.N./	1	ASTUMIAN et al., Fluctuation Driven Ratchets: Molecular Motors; Departments of Surgery and Biochemistry and Molecular Biology, University of Chicago; 14 March 1994	
/A.N./	2	BIER et al., Biasing Brownian Motion in Different Directions in a 3-State Fluctuating Potential; Department of Surgery, University of Chicago; 27 May 1996	
/A.N./	3	FRUMIN et al., Nonlinear Focusing of DNA Macromolecules; Proteologics (Israel) Ltd., Rehovot, Israel; 2002	
/A.N./	4	GREISS et al., Cyclic Capillary Electrophoresis; Department of Biochemistry, University of Texas, San Antonio, Texas; 15 November 2001	
/A.N./	5	MAGNASCO, Marcelo O., Forced Thermal Ratchets; NEC Research Institute, Princeton, NJ and The Rockerfeller University, New York, NY; 6 September 1993	
/A.N./	6	SLATER et al., The Theory of DNA Separation by Capillary Electrophoresis; Department of Physics, University of Ottawa, Ontario, Canada; Printed in "Current Opinion" 2003	
/A.N./	7	CHACRON et al., Particle Trapping and Self-Focusing in Temporally Asymmetric Ratchets; University of Ottawa, Ontario, Canada; "The American Physical Society" September 1997	
/A.N./	8	TESSIER et al., Strategies for the Separation of Polyelectrolytes based on Non-Linear Dynamics and; Department of Physics, University of Ottawa, Ontario, Canada, 2002	

I Examiner	/Alasamadau Naassasala/	Date	06/17/2011
Signature	/Alexander Noguerola/	Considered	00/17/2011
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